

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously presented) A method for testing a handover function between cells covered by a plurality of base station radio apparatuses in a mobile communication system, the mobile communication system comprising a mobile station, the plurality of base station radio apparatuses each configured to perform communication with the mobile station, and a radio base station control apparatus configured to control transmission powers for the plurality of base station radio apparatuses, the method comprising:

receiving a plurality of reception power levels measured by the mobile station, wherein each of the plurality of reception powers levels is associated with a different one of the plurality of base station radio apparatuses;

calculating a difference between two of the plurality of reception power levels for two of the plurality of base station radio apparatuses;

comparing the calculated difference with a predetermined threshold value;

if the calculated difference is greater than the predetermined threshold:

controlling transmission power of one of the two of the plurality of base station radio apparatuses so that the difference becomes equal to or smaller than the predetermined threshold value; and

performing a handover function test between cells covered by the two of the plurality of base station radio apparatuses.

2. (Previously presented) A method according to claim 1, wherein the process of controlling transmission power of one of the two of the plurality of base station radio apparatuses comprises controlling the transmission power of the base station radio apparatus which has the higher received reception power.

3. (Previously presented) A method according to claim 1, wherein if the calculated difference is equal to or less than the predetermined threshold:

performing a handover function test between cells covered by the two of the plurality of base station radio apparatuses without controlling transmission power of one of the two of the plurality of base station radio apparatuses.

4. (Previously presented) A mobile communication system comprising:

a mobile station configured to transmit a plurality of reception power levels measured by the mobile station, wherein each of the plurality of reception powers levels is associated with a different one of a plurality of base station radio apparatuses;

the plurality of base station radio apparatuses configured to perform communication with the mobile station; and

a radio base station control apparatus configured to control transmission power for the plurality of base station radio apparatuses, and further configured to perform a handover function test between cells covered by the plurality of base station radio apparatuses,

wherein the radio base station control apparatus is configured to receive the plurality of reception power levels measured by the mobile station and calculate a difference between two of the plurality of reception power levels for two of the plurality of base station radio apparatuses;

wherein the radio base station control apparatus is configured to compare the calculated difference with a predetermined threshold value, and if the calculated difference is greater than the predetermined threshold:

the radio base station control apparatus is configured to control transmission power of one of the two of the plurality of base station radio apparatuses so that the difference becomes equal to or smaller than a predetermined threshold value, and perform a handover function test between the cells covered by the two of the plurality of base station radio apparatuses.

5. (Previously presented) A mobile communication system according to claim 4, wherein the radio base station control apparatus is configured to control the transmission power of the one of the two of the plurality of base station radio apparatuses which has the higher received reception power level.

6. (Previously presented) A mobile communication system according to claim 5, wherein if the calculated difference is equal to or less than the predetermined threshold:

the radio base station control apparatus is configured to perform a handover function test between cells covered by the two of the plurality of base station radio apparatuses without controlling transmission power of one of the two of the plurality of base station radio apparatuses.

7. (Previously presented) A radio base station control apparatus configured to perform a handover function test between cells, comprising:

an interface configured to receive a plurality of reception power levels measured by a mobile station, wherein each of the plurality of reception powers levels is associated with a different one of a plurality of base station radio apparatuses;

a reception field difference calculating part configured to calculate a difference between two of the plurality of reception power levels for two of the plurality of base station radio apparatuses;

a reception field difference comparing part configured to compare the calculated difference with a predetermined threshold value; and

a transmission power control part,

wherein if the calculated difference is greater than the predetermined threshold:

the transmission power control part is configured to control transmission power of one of the two of the plurality of base station radio apparatuses so that the difference becomes equal to or smaller the predetermined threshold value.

8. (Previously presented) A radio base station control apparatus according to claim 7, wherein the radio base station control apparatus is configured to perform a handover function test between the cells covered by the two of the plurality of base station radio apparatuses.

9. (Previously presented) A radio base station control apparatus according to claim 7, wherein the transmission power control part is configured to control the transmission power of the one of the two of the plurality of base station radio apparatus which has the higher received reception power level.